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IN THE MATTER OF an Australian
Application corresponding to
PCT Application PCT/FR99/02752

RWS Group plc, of Europa House, Marsham Way, Gerrards Cross, Buckinghamshire, England, hereby solemnly and sincerely declares that, to the best of its knowledge and belief, the following document, prepared by one of its translators competent in the art and conversant with the English and French languages, is a true and correct translation of the amended sheets of the PCT Application filed under No. PCT/FR99/02752.

Date: 25 April 2001

S. POTTS

Director

For and on behalf of RWS Group plc

ART 24 ADT

WO 00/28062

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CLAIMS

PCT/FR99/02752

1. Nucleic acid, characterized in that it comprises:

5 a) a first region which comprises a nucleic acid which encodes the transactivator of the tetracycline-regulated system (tTA) under the control of a moderate non-viral promoter, and.

b) a second region which comprises a nucleic acid of interest under the control of a tTA-sensitive promoter,

10 and in that the two regions a) and b) are arranged in the same transcriptional orientation.

2. Nucleic acid according to claim 1, characterized in that it additionally comprises a third region c), which is arranged between the two regions a) and b) and which restricts transcriptional interference between regions a) and b).

3. Nucleic acid according to claim 2, characterized in that region c) comprises a transcription terminator, preferably a UMS sequence.

4. Nucleic acid according to any one of the preceding claims, characterized in that, in region a), the moderate promoter is a cell promoter which is preferably constitutive and tissue-specific.

25 5. Nucleic acid according to claim 4, characterized in that the moderate cell promoter is selected from the promoters of the PGK, DHFR, EF1a, β -actin, β -globin and MHCa genes.

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6. Nucleic acid according to any one of the preceding claims, characterized in that, in region b), the nucleic acid of interest is a nucleic acid which encodes a protein or a polypeptide of interest.

5 7. Nucleic acid according to claim 6, characterized in that the protein or the polypeptide of interest is selected from neurotransmitters or their precursors or enzymes for synthesizing them, and trophic factors.

10 8. Nucleic acid according to any one of the preceding claims, characterized in that, in region b), the promoter is a promoter which functions in mammalian cells.

9. Nucleic acid, characterized in that it
15 comprises:

a) a first region which comprises a nucleic acid which encodes the transactivator of the tetracycline-regulated system (tTA) under the control of the promoter of the PGK gene, and

20 b) a second region which comprises a nucleic acid which encodes human tyrosine hydroxylase under the control of a minimal CMV promoter which has been modified so as to contain from 1 to 10 tetOp sequences,

c) a third region which comprises the UMS
25 sequence,

and in that the two regions a) and b) are arranged in the same transcriptional orientation.

10. Vector which comprises a nucleic acid

AMENDED SHEET

according to any one of claims 1 to 9.

11. Vector according to claim 10,
characterized in that it is a viral vector, preferably
an adenovirus.

5 12. Cell which comprises a nucleic acid
according to any one of claims 1 to 9 or a vector
according to claim 10.

13. Cell according to claim 12,
characterized in that it is a mammalian cell,
10 preferably a human cell. a

14. Cell according to claim 13,
characterized in that it is a nerve cell.

15. Nerve cell which is genetically modified
by a recombinant adenovirus which comprises a nucleic
15 acid according to claim 9.

16. Composition which comprises cells
according to one of claims 12 to 15.

17. Use of a nucleic acid according to one
of claims 1 to 9 or of a vector according to claim 10
20 or of a composition according to claim 16, for
preparing a composition which is intended to express a
nucleic acid of interest in vivo.

18. Use of a nucleic acid according to one
of claims 1 to 9 or of a vector according to claim 10
25 or of a composition according to claim 16, for
preparing a composition which is intended to express a
nucleic acid of interest in the nervous system in vivo.

19. Use of a nucleic acid which comprises:

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a) a first region which comprises a nucleic acid which encodes the transactivator of the tetracycline-regulated system (tTA) under the control of a moderate promoter, and

5 b) a second region which comprises a nucleic acid of interest under the control of a promoter which is sensitive to tTA, with the two regions a) and b) being arranged in the same transcriptional orientation, or of a vector or a
10 composition which comprises such a nucleic acid, for preparing a composition which is intended for expressing the said nucleic acid of interest in the nervous system in vivo.